



PTO/SB/088 (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/648152
		Filing Date	August 25, 2003
		First Named Inventor	PERRY G. CAIMI ET. AL.
		Group Art Unit	1038 1652
		Examiner Name	UNASSIGNED Iqbal Chowdhury
Sheet 1 of 1	Attorney Docket Number	CL2123USNA	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
rn	1	KEIJA KAINUMA, Starch, 2 nd ed., Starch Oligosaccharides: Linear, Branched, and Cyclic, Whistler, Bamiller, and Pashcall eds., Academic Press, Orlando, FL, pp. 125-150, 1984	<input type="checkbox"/>
rn	2	CRUEGER AND CRUEGER, Organic feedstocks produced by fermentation, Biotechnology: A Textbook of Industrial Microbiology, Sinauer Associates: Sunderland, MA, pp. 124-174, 1990	<input type="checkbox"/>
rn	3	BLANCHARD, Processing with Enzymes, Technology of Corn Wet Milling, Chapter 6, Elsevier, Amsterdam, The Netherlands, pp. 177-215, 1992	<input type="checkbox"/>
rn	4	ATKINSON & MAVITUNA, Product Formation, Chapter 6, Biochemical Engineering and Biotechnology Handbook, 2 nd Ed.; Stockton Press: New York, pp. 243-364, 1991	<input type="checkbox"/>
rn	5	T. NORMAN PALMER ET AL., The Pathway of Exogenous and Endogenous Carbohydrate Utilization in Escherichia coli: A Dual Function for the Enzymes of the Maltose Operon, Eur. J. Biochem., Vol. 39:601-612, 1973	<input type="checkbox"/>
rn	6	LIN, Oligosaccharides and Disaccharides, Sugars, Polyols, and Carboxylates, Escherichia coli and Salmonella typhimurium, Neidhart, ed.; American Society for Microbiology, Washington, D.C., pp. 245-265, 1987	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Examiner Signature	Iqbal Chowdhury	Date Considered	8/28/03
--------------------	-----------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 945B-95-FO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

Complete if Known

Application Number	10/648152
--------------------	-----------

Filing Date	August 25, 2003
-------------	-----------------

First Named Inventor	PERRY G. CAIMI
----------------------	----------------

Group Art Unit	T638	652
----------------	------	-----

Examiner Name	UNKNOWN
---------------	---------

Attorney Docket Number	CL2123USNA
------------------------	------------

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examlner
Signature**

Date Considered

8/28/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/08B (08-03)
Approved for use through 07/31/2006. OMB 0851-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete If Known

Application Number	10/648152
Filing Date	August 25, 2003
First Named Inventor	PERRY G. CAIMI ET. AL.
Group Art Unit	1638 1652
Examiner Name	UNKNOWN <i>Agal Chowdhury</i>
Attorney Docket Number	CL2123USNA

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>OC</i>	1	V. V. KRASIKOV ET. AL., GLUCOSIDASES, BIOCHEMISTRY, 2001, PAGES 267-281, VOL. 66	<input type="checkbox"/>
<i>OC</i>	2	MIKIO YAMAMOTO ET. AL., PURIFICATION AND PROPERTIES OF AN OLIGO-1,6-D-GLUCOSIDASE FROM AN ALKALOPHILIC BACILLUS SPECIES	<input type="checkbox"/>
<i>OC</i>	3	INTERNATIONAL SEARCH REPORT DATED 08-22-2005, INTERNATIONAL APPLICATION NO. PCT/US03/26760, INTERNATIONAL FILING DATE: 08-25-2003	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Examiner
Signature

Agal Chowdhury

Date
Considered

8/28/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.